



Australian Laboratory Services Pty. Ltd.

32 Shand Street

Stafford

Brisbane QLD 4053

Phone: +61 7 3243 7222 Fax: +61 7 3243 7218

www.alsglobal.com/geochemistry

ALS Brisbane is a NATA Accredited Testing Laboratory. Corporate Accreditation

No: 825, Corporate Site No: 818.

To: **ALS METALLURGY PTY LTD**

ATF AMMTEC UNIT TRUST

PO BOX 952

BURNIE TAS 7320

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Total # Pages: 2 (A – C)

Plus Appendix Pages

Finalized Date: 4-JUL-2023

Account: BURRE

CERTIFICATE BU23143715

Project: A24204

P.O. No.: 24204069

This report is for 3 samples of Pulp submitted to our lab in Burnie, TAS, Australia on 29-MAY-2023.

The following have access to data associated with this certificate:

BURNIE ADMIN
DREW REDPATH
SHENGLI ZHAO

TIMOTHY FIST
BEN SHEAHEN

DWAYNE GARDAM
CAROLYNE SULLIVAN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG-22	Sample login – Rcd w/o BarCode
WEI-21	Received Sample Weight

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-MS25NS	PGM by Ni Sulphide FA Fusion – ICPMS	ICP-MS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Shaun Kenny, Brisbane Laboratory Manager



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CERTIFICATE OF ANALYSIS BU23143715

Sample Description	Method Analyte Units LOD	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
		g	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
		20	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
24204069		110	<0.5	0.04	<5	<10	<0.5	<2	0.04	<0.5	99	6120	3	4.28	<10
24204070		120	<0.5	0.01	<5	<10	<0.5	<2	0.04	<0.5	92	1475	1	3.77	<10
24204071		110	<0.5	0.01	<5	<10	<0.5	<2	0.05	<0.5	89	1020	1	3.39	<10

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CERTIFICATE OF ANALYSIS BU23143715

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS25NS	PGM-MS25NS	PGM-MS25NS	PGM-MS25NS	PGM-MS25NS	PGM-MS25NS
		Ti	U	V	W	Zn	Pt	Pd	Rh	Ir	Os	Ru
		ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppb	ppb	ppb
		10	10	1	10	2	2	2	2	1	2	3
24204069		<10	<10	6	<10	58	<2	<2	<2	<1	2	4
24204070		<10	<10	3	<10	31	2	<2	<2	3	4	3
24204071		<10	<10	1	<10	32	<2	<2	<2	2	2	13



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CERTIFICATE OF ANALYSIS BU23143715

CERTIFICATE COMMENTS

ACCREDITATION COMMENTS

Applies to Method:

NATA Accreditation covers the performance of this service but does not cover the performance of ALS Brisbane Sample Preparation. Corporate Accreditation No:825, Corporate Site No:818. Technical Signatory: Christopher Snowdon, ICPAES Reporting Chemist
ME-ICP61

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Brisbane located at 32 Shand Street, Stafford, Brisbane, QLD, Australia. Processed at ALS Brisbane Sample Preparation at 23 Pineapple Street, Zillmere, QLD, 4034, Australia
ME-ICP61

Applies to Method:

Processed at ALS Johannesburg located at 53 Angus Crescent, Long Meadow Business Park, East Entrance, Edenvale – Johannesburg, GAUTENG, South Africa.
PGM-MS25NS

Applies to Method:

Processed at ALS Burnie located at 39 River Road, Burnie, TAS, Australia.
LOG-22 WEI-21